

PTO/SB/52 (07-03)

Approved for use through 01/31/2004. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION DECLARATION BY THE ASSIGNEE		Docket Number (optional) 015290-795
<p>I hereby declare that:</p> <p>The residence, mailing address and citizenship of the inventors are stated below.</p> <p>I am authorized to act on behalf of the following assignee: <u>Lam Research Corporation</u></p> <p>and the title of my position with said assignee is: <u>Assistant Secretary</u></p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
Inventor <u>Degner, Raymond L.</u>	Citizenship <u>United States</u>	
Residence/Mailing Address <u>970 Eastwood Place, Los Altos, CA 94024</u>		
Inventor <u>Lenz, Eric H.</u>	Citizenship <u>United States</u>	
Residence/Mailing Address <u>2662 Chocolate St., Pleasanton, CA 94588</u>		
<input type="checkbox"/> Additional Inventors are named on separately numbered sheets attached hereto.		
Patent Number <u>5,074,456</u>	Date of Patent Issued <u>December 24, 1991</u>	
Title of Invention <u>Composite Electrode for Plasma Processes</u>		
<p>I believe said inventor(s) to be the original and first inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled:</p> <p style="margin-left: 40px;"><u>Composite Electrode for Plasma Processes</u></p> <hr/> <p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / _____</p> <p style="margin-left: 40px;">and was amended on _____</p> <p style="margin-left: 80px;">(If applicable)</p> <p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p> <p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p><input type="checkbox"/> I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input checked="" type="checkbox"/> by reason of other errors.</p>		

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

REISSUE APPLICATION DECLARATION BY THE ASSIGNEEDocket Number (Optional)
015290-795

At least one error upon which reissue is based is described as follows:
 The original patent is wholly or partly inoperative or invalid because of an error in claim 33. Claim 33 contains the phrase, "the material of the electrode plate has a higher coefficient of thermal expansion than that of the electrode plate..." The error is that, mistakingly, the "electrode plate" is said to have a higher coefficient of thermal expansion than the same "electrode plate."
 [Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

I hereby appoint:

☒ Practitioners at Customer Number:

21839

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Correspondence Address: Direct all communications about the application to:

☐ Customer Number:

OR

☒ Firm or Individual Name

Peter K. Skiff

Address

Burns, Doane, Swecker & Mathis, L.L.P.

Address

P.O. Box 1404

City

Alexandria

State

VA

Zip

22313

Country

USA

Telephone

703-836-6620

Fax

703-836-2021

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of person signing (given name, family name)

Jeffrey J. Brooks

Signature

Date

December 4, 2003

Address of Assignee

4650 Cushing Parkway, CA-1, Fremont, CA 94538

Patent
Attorney's Docket No. 015290-795

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Raymond DEGNER et al.)
)
Patent No. 5,074,456)
)
Issued: December 24, 1991)
)
For: COMPOSITE ELECTRODE FOR)
 PLASMA PROCESSES)
)
)

**REVOCATION AND NEW POWER OF ATTORNEY
BY ASSIGNEE OF ENTIRE INTEREST**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As the Assignee of the entire interest in the above-identified application, all powers of attorney previously given are hereby revoked, and the following attorneys of Burns, Doane, Swecker & Mathis, LLP are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected with the above-identified application:

Robert S. Swecker, 19,885	Eric H. Weisblatt, 30,505	Todd R. Walters, 34,040
Platon N. Mandros, 22,124	James W. Peterson, 26,057	Benton S. Duffett, Jr., 22,030
Teresa Stanek Rea, 30,427	Allen R. Baum, 36,086	Norman H. Stepno, 22,716
William C. Rowland, 30,888	Brian P. O'Shaughnessy, 32,747	Ronald L. Grudziecki, 24,970
T. Gene Dillahunty, 25,423	Kenneth B. Leffler, 36,075	Alan E. Kopecki, 25,813
Patrick C. Keane, 32,858	Fred W. Hathaway, 32,236	Regis B. Slutter, 26,999
B. Jefferson Boggs, Jr., 32,344	Wendi L. Weinstein, 34,456	Samuel C. Miller, III, 27,360
Peter K. Skiff, 31,917	Travis D. Boone, 52,635	Robert G. Mukai, 28,531
Richard J. McGrath, 29,195	George A. Hovanec, Jr., 28,223	Matthew L. Schneider, 32,814
James A. LaBarre, 28,632	Michael G. Savage, 32,596	E. Joseph Gess, 28,510
Charles F. Wieland III, 33,096	R. Danny Huntington, 27,903	Bruce T. Wieder, 33,815

The Assignee has reviewed documentary evidence of the chain of title from the original owner to the Assignee recorded in the U.S. Patent and Trademark Office at Reel 5455, Frame 0064, and certifies that to the best of its knowledge and belief it is the owner of the entire right, title and interest in and to the above-identified application.

Please direct all telephone calls and correspondence to:

Peter K. Skiff
Customer Number 2 1 8 3 9
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: December 4, 2003

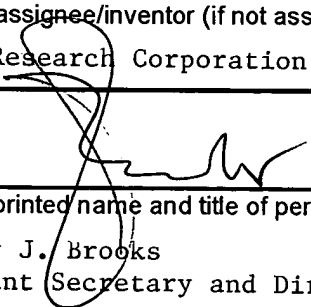
Signature: _____

Name: Jeffrey J. Brooks

Title: Assistant Secretary

Company: Lam Research Corporation

PTO/SB/53 (05-03)
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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 015290-795
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Degner et al.		
Patent Number 5,074,456	Date Patent Issued December 24, 1991	
Title of Invention Composite Electrode for Plasma Processes		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are <u>Lam Research Corporation</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Lam Research Corporation		
Signature 	Date December 4, 2003	
Typed or printed name and title of person signing for assignee (if assigned) Jeffrey J. Brooks Assistant Secretary and Director of Intellectual Property		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Degner et al.

Application No./Patent No.: 5,074,456 Filed/Issue Date: December 24, 1991

Entitled: Composite Electrode for Plasma Processes

Lam Research Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 5455, Frame 0064, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

December 4, 2003

Date

510-552-5452

Telephone number

Jeffrey J. Brooks

Typed or printed name

Signature

Assistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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